DEC 1 6 2004 BY

15W # 19

Docket No.: G0083-703919

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

David B. Cist

Serial No:

10/681,543

Confirmation No:

7289

Filed:

October 8, 2003

For:

A SYSTEM AND METHODS FOR OBTAINING

GROUND CONDUCTIVITY INFORMATION USING GPR

DATA

Examiner:

Gregory, Bernarr E.

Art Unit:

3662

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 13th day of December, 2004.

Denise M. Donahue

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed September 13, 2004, please amend the above-identified application as follows. Changes to the Claims are shown by strike through (for deleted matter) and underlining (for added matter).

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.